

LIGHT EQUIPMENT MECHANIC LEADWORKER*Class Definition*

Under general supervision, leads a group of mechanics and serviceworkers; and performs advanced working level maintenance and repair on automotive equipment including City cars, pickups, and other light vehicles and equipment.

Distinguishing Characteristics

Light Equipment Mechanic Leadworker is the advanced working/lead class in the Light Equipment Mechanic series. Used in the General Services Department, incumbents assign work to a group of mechanics and service workers using independent judgment in deciding methods of repair. Supervision is received from a Fleet Maintenance Supervisor I who is the first-line supervisor. The Light Equipment Mechanic Leadworker is distinguished from Light Equipment Mechanic II in that incumbents of the latter are not regularly required to assign work to, or provide lead direction to, lower level employees. The Light Equipment Mechanic series differs from the Heavy Equipment Mechanic series in that the focus of the latter is primarily upon heavy equipment.

Typical Tasks

(An incumbent may not be assigned all duties listed, nor do the examples cover all duties which may be assigned.)

Assigns and inspects the work of skilled mechanics and other shop workers and provides technical assistance and training on new or unusually complicated installations or repairs.

Performs skilled tasks in the mechanical repair and maintenance on automotive equipment including cars, pickups, and other light mechanical equipment.

Inspects, adjusts and replaces automotive engines, sub-assemblies and related parts including valves, pistons, main bearings, and cooling, fuel, and exhaust systems.

Repairs and overhauls brakes, ignition systems, transmissions, differentials, front and rear wheel and axle assemblies.

Removes, repairs and installs hydraulic controls.

Tunes motors using standard testing equipment.

Disassembles, repairs and reassembles air compressors, pumps and related equipment.

Inspects, repairs, overhauls and assembles automotive electrical equipment, such as alternators, generators, distributors, magnetos and starters.

Uses mechanical hand and power driven tools and equipment such as grinders, drill presses, and other shop tools and equipment.

Performs related duties as required.

Knowledge, Abilities and Skills

Knowledge of the methods, materials, tools and techniques used in the repair of automotive equipment.

Knowledge of the operating principles of automotive engines, and of mechanical repair of automotive equipment.

Knowledge of the occupational hazards and safety precautions of the trade.

Ability to assign and direct the work of skilled mechanics and other shop workers.

Ability to diagnose defects in gasoline powered equipment.

Ability to adapt available tools and repair parts to specific repair problems.

Ability to interpret and work from sketches and pencil diagrams.

Skill in the proper use of tools and machinery used in automotive repair work.

Minimum Qualifications

Two years of experience equivalent to that gained as a Light Equipment Mechanic II with the City of Fresno.

Necessary Special Requirement

Possession of a valid Class III California Driver's License at time of appointment.

APPROVED: _____

Director of Personnel

DATE: _____